


Thanks for a Great Workshop!

- Next Year – Week of 13 April 2015 – **TENTATIVE**
- [origin-www.swpc.noaa.gov](http://www.swpc.noaa.gov)

 **SPACE WEATHER PREDICTION CENTER**
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Monday, March 31, 2014 13:32:18 UTC

HOME IMPACTS PHENOMENA PRODUCTS


SPACE WEATHER CONDITIONS

Today's Max Observed: **R1** (minor), **S0** (none), **G0** (none)

Now: **R0** (none), **S0** (none), **G0** (none)

Predicted: Rest of Today
R1-R2: 55%, S1 or greater: 10%, **G0** (none)
R3-R5: 10%

Solar Wind Speed: **399** km/sec Solar Wind Magnetic Fields: Bt **4** nT, Bz **3** nT Noon 10.7cm Radio Flux: **148** sfu



The Sun is at solar maximum! Solar Cycle 24 is seeing a second, higher peak in the sunspot number.
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NOAA Space Weather Prediction Center Introduces a New Web Page
After many years the NOAA Space Weather Prediction Center introduces a new web page. There are several reasons to modify our web pages.

Space Weather and GPS Systems
The use of single and dual frequency radio navigation systems such as GPS has grown dramatically in the last decade.

Electric Power Transmission
One of the great discoveries of the 19th century was the realization that a time-varying magnetic field is able to produce an electrical current in

SERVING ESSENTIAL SPACE WEATHER COMMUNITIES

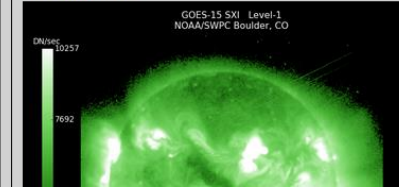
Aviation Electric Power Emergency Management Global Positioning System (GPS)
Radio Communications Satellites Media

THE SUN'S X-RAYS

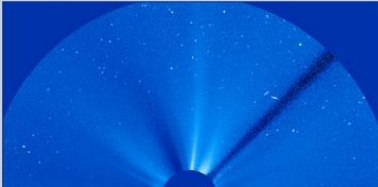
GOES-15 SXI Level-1
NOAA/SWPC Boulder, CO

DN/Unit: 10257

7692



SOLAR WIND



THE AURORA

Aurora Forecast
OVATION-Prime Model

Forecast For: 2014/03/31 14:00 UT
Geomagnetic Power: 28.99 GW
Geomagnetic Range: 5 to 150 GW

